PTO/SB/08a (05-03) Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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substitute for form 1449A/PTO

ENTS TRADEN

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

	Complete if Known
Application Number	10/701,012
Filing Date	November 4, 2003
First Named Inventor	Muthiah Manoharan
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned 7600
Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)

			U.S. PATENT	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Initials *	No.'	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
77	AA	US-5,898,031	04-27-1999	CROOKE	
00	AB	US- 6,107,094	08-22-2000	CROOKE	
	AC	US- 5,543,507	08-06-1996	COOK ET AL.	
	AD	US- 6,005,093	12-21-1999	WOOD ET AL.	
	AE	US- 5,082,934	01-21-1992	SABA ET AL.	
	AF	US- 6,406,850	06-18-2002	VOLKERS ET AL.	
	AG	US- 6,303,799	10-16-2001	CHENG ET AL.	
	AH	US- 6,232,463	05-15-2001	COOK ET AL.	
	AI	US- 6,143,877	11-07-2000	MEYER ET AL.	
	AJ	US- 6,072,046	06-06-2000	REED ET AL.	
	AK	US- 5,824,796	10-20-1998	PETRIE ET AL.	
	AL	US- 5,811,534	09-22-1998	COOK ET AL.	
	AM	US- 5,767,259	06-16-1998	ALBAGLI ET AL.	
	AN	US- 5,719,271	02-17-1998	COOK ET AL.	
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	AQ	US- 5,659,022	08-19-1997	KUTYAVIN ET AL.	
	AR	US- 4,826,967	05-02-1989	GLASS	
	AS	US- 4,123,610	10-31-1978	SUMMERTON ET AL.	
	AT	US- 2002/0012915	01-31-2002	VOLKERS ET AL.	

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1			Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>
	AU	WO01/48183	07-05-2001	, DEVGEN NV		
$\mathcal{O}$	AV	WO00/44895	08-03-2000	KREUTZER		
	AW	WO00/49035	08-24-2000	GEN HOSP.		
	AX	WO00/63364	10-26-2000	AMER. HOME PRODUCTS		
	AY	WO01/36641	05-25-2001	CHIRON CORP		
	AZ	WO01/36646	05-25-2001	CANCER RES. CAMPAIGN		
	ВА	WO99/32619	07-01-1999	CARNEGIE INST OF WASH.		
	ВВ	WO00/44914	08-03-2000	MED. COLLEGE OF GEORGIA		
	BC	WO01/29058	04-26-2001	UNIV. OF MASS.	1	
Examiner Signature		13-	Date Consid	ered 4	18/06	

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Substitut	e for form 1449A/P	то		Complete if Known		
_			Application Number	10/701,012		
INFC	PRMATION	N DIS	CLOSURE	Filing Date	November 4, 2003	
STA	TEMENT E	BY A	PPLICANT .	First Named Inventor	Muthiah Manoharan	
				Art Unit	Not Yet Assigned	
	(use as many sheets as necessary)		Examiner Name	Not Yet Assigned		
Sheet	2	of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)	

xaminer	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan
hitials *	X0.	Number - Kind Code <sup>2</sup> (# known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
$\leftarrow$	BD	US- 5,688,941	11-18-1997	COOK ET AL.	
52	BE	US- 5,714,166	06-06-1996	TOMALIA ET AL.	
70	BF	US- 6,153,737	11-28-2000	MANOHARAN	
	BG	US- 6,172,208	01-09-1991	COOK	
	BH	US- 6,300,319	10-09-2001	MANOHARAN	
	BI	US- 6,335,434	01-01-2002	GUZAEV ET AL.	
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	BK	US- 6,395,437	05-28-2002	WOLLESEN	
	BL	US- 6,444,486	09-03-2002	KWAK ET AL.	•
	BM	US- 6,486,308	11-26-2002	KUTYAVIN	
	BN	US- 6,525,031	02-25-2003	MANOHARAN	
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7	BT	US- 5,371,241	12-06-1994	BRUSH	
V	BU	US- 5,391,723	02-21-1995	PRIEST	

		FOREIGN PA	TENT DOCU	MENTS		
Fuerines	0"-	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Examiner Initials*	Cit <del>e</del> No. <sup>1</sup>	Country Code <sup>8</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (# known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
72	BV	WO01/75164	10-11-2001	WHITEHEAD INST.		
0,0	BW -	WO91/10671	07-25-1991	ISIS PHARM.		
	BX	WO96/28438	09-19-1996	NAXCOR		
$\overline{V}$	BY	WO93/07883	04-29-1993	ISIS PHARM.		
i						

Examiner Signature Date Considered 4/28/06

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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/701,012			
INFC			Filing Date	November 4, 2003			
STA			First Named Inventor	Muthiah Manoharan			
				Art Unit	Not Yet Assigned		
	(use as many sheets as necessary)		Examiner Name	Not Yet Assigned			
Sheet	3	of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)		

		<del></del>	U.S. PATENT	OCUMENTS	<u> </u>
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cied Document	Passages or Relevant Figures Appear
12	BZ	US- 5,416,203	05-16-1995	LETSINGER ET AL.	
OD	CA	US- 5,451,463	09-19-1995	NELSON ET AL.	
	СВ	US- 5,510,475	04-23-1996	AGRAWAL ET AL.	
	CC	US- 5,512,667	04-30-1996	REED ET AL.	,,,,,
	CD	US- 5,514,785	05-07-1996	VAN NESS ET AL.	
	CE	US- 5,565,552	10-15-1996	MAGDA ET AL.	
	CF	US- 5,567,810	10-22-1996	WEIS ET AL.	
	CG	US- 5,574,142	11-12-1996	MEYER ET AL.	
	CH	US- 5,585,481	12-17-1996	ARNOLD ET AL.	
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	CJ	US- 5,595,726	01-21-1997	MAGDA ET AL.	
	CK	US- 5,597,696	01-28-1997	LINN ET AL.	
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	СО	US- 4,587,044	05-06-1986	MILLER ET AL.	
	CP	US- 4,605,735	08-12-1986	MIYOSHI ET AL.	
$\sqrt{V}$	CQ	US- 4,667,025	05-19-1987	MIYOSHI ET AL.	· · · · · · · · · · · · · · · · · · ·

		FOREIGN PA	TENT DOCU	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.'	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T <sup>6</sup>
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Examiner Signature		02-	Date Consid	ered 4	128/06	

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Substitut	e for form 1449A/PTO			Complete if Known			
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/701,012			
INFC			Filing Date	November 4, 2003			
STA			First Named Inventor	Muthiah Manoharan			
				Art Unit	Not Yet Assigned		
	(use as many sheets as necessary)		Examiner Name	Not Yet Assigned			
Sheet	4	of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)		

			U.S. PATENT	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Initials No.		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
72	CR	US- 4,762,779	08-09-1988	SNITMAN	
0,0	CS	US- 4,789,737	12-06-1988	MIYOSHI ET AL.	
	CT	US- 4,824,941	04-25-1989	GORDON ET AL.	-
	CU	US- 4,835,263	05-30-1989	NGUYEN ET AL.	
	CV	US- 4,876,335	10-24-1989	YAMANE ET AL.	
	CW	US- 4,904,582	02-27-1990	TULLIS	
1	CX	US- 4,958,013	09-18-1990	LETSINGER	
	CY	US- 5,082,830	01-21-1992	BRAKEL ET AL.	
	cz	US- 5,112,963	05-12-1992	PIELES ET AL.	
	DA	US- 5,214,136	05-25-1993	LIN ET AL.	
. [	DB	US- 5,149,782	09-22-1992	CHANG ET AL.	
	DC	US- 5,245,022	09-14-1993	WEIS ET AL.	
	DD	US- 5,254,469	10-19-1993	WARREN III ET AL.	
7	DE	US- 5,258,506	11-02-1993	URDEA ET AL.	
	DF	US- 5,262,536	11-16-1993	HOBBS ET AL.	
	DG	US- 3,687,808	08/29/1972	MERIGAN et al.	
	DH	US- 6,395,492	05-28-2002	MANOHARAN ET AL.	
	DI	US- 4,828,979	05-09-1989	KLEVAN ET AL.	
1,	DJ	US- 4,948,882	08-14-1990	RUTH	
$\overline{V}$	DK	US- 5,218,105	06-08-1993	COOK ET AL.	

		FOREIGN PA	TENT DOCU	MENTS		
Evaminar	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Examiner Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	۲°
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Examiner Signature		12-	Date Conside	ered	1/28/06	

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Subst	itute for form 1449	PA/PTO			Complete if Known				
				Application Number	10/701,012				
INF	FORMATI	ON DIS	CLOSURE	Filing Date	November 4, 2003				
ST	<b>ATEMEN</b>	T BY A	PPLICANT	First Named Inventor	Muthiah Manoharan				
				Art Unit	Not Yet Assigned				
	(use as ma	ny sheets as	necessary)	Examiner Name	Not Yet Assigned				
Sheet	t 5	of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)				

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XX	DL	US- 5,525,465	06-11-1996	HARALAMBIDIS	rigures Appear
00	DM	US- 5,541,313	07-30-1996	RUTH	
	DN	US- 5,545,730	08-13-1996	URDEA ET AL.	
	DO	US- 5,552,538	09-03-1996	URDEA ET AL.	
	DP	US- 5,578,717	11-26-1996	URDEA ET AL.	
	DQ	US- 5,580,731	12-03-1996	CHANG ET AL.	
	DR	US- 5,591,584	01-07-1997	. CHANG ET AL.	
	DS	US- 5,109,124	04-28-1992	RAMACHANDRAN	
	DT	US- 5,118,802	06-02-1992	SMITH ET AL.	
	DU	US- 5,138,045	08-11-1992	COOK ET AL.	
	DV	US- 5,414,077	05-09-1995	LIN ET AL.	
	DW	US- 5,486,603	01-23-1996	BUHR	
	DX	US- 5,512,439	04-30-1996	HORNES ET AL.	
/	DY	US- 5,578,718	11-26-1996	COOK	
4	DZ	US- 5,608,046	03-04-1997	COOK ET AL.	
		<u></u>		<u> </u>	

	FOREIGN PATENT DOCUMENTS												
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,								
Initials*	No.	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (# known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>							
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Examiner Signature		1_2	 Date Considered	4	128/	96

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Substitute for form 1449A/PTO Complete if Known 10/701,012 **Application Number** INFORMATION DISCLOSURE November 4, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Muthiah Manoharan **Group Art Unit** Not Yet Assigned (use as many sheets as necessary) Not Yet Assigned **Examiner Name** of 10 Attorney Docket Number ISIC0010-101 (CHEM0004US.P1) Sheet

			OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	<b></b>
Examiner Initials *		Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
7/2		- EA	SUMMERTON, J., "Sequence-Specific Crosslinking Agents for Nucleic Acids: Design and Functional Group Testing," J. Theor. Biol. (1979) 78:61-75.	
1	O	ЕВ	MEYER, Jr., R.B., et al., "Efficient, Specific Cross-Linking and Cleavage of DNA by Stable, Synthetic Complementary Oligodeoxynucleotides," J. Am. Chem. Soc. (1989) 111(22):8517-8519.	
		EC	WEBB, T. R., et al., "Hybridization triggered cross-linking of deoxyoligonucleotides," <i>Nucleic Acids Res.</i> (1986) 14(19):7661-7674.	
-		ED	MATTEUCCI, M. D., et al., "Synthesis and Crosslinking Properties of a Deoxyoligonucleotide Containing N <sup>6</sup> ,N <sup>6</sup> - Ethanodeoxyadenosine," <i>Tetrahedron Lett.</i> (1987) 28(22):2469-2472.	
	1	EE	FERENTZ, A. E., et al., "Disulfide Cross-Linked Oligonucleotides," J. Am. Chem. Soc. (1991) 113(10):4000-4002.	
		EF	MANOHARAN, M., "Designer Antisense Oligonucleotides: Conjugation Chemistry and Functionality Placement," Antisense Research and Applications, Crooke and LeBleu, eds., CRC Press Boca Raton, FL, 1993, pp 303-349	
	T	EG	CARMELL, M.A., et al., "The Argonaute family: tentacles that reach into RNAi, developmental control, stem cell maintenance, and tumorigenesis," <i>Gene Dev.</i> (2002) 16(21):2733-2742.	
		EH	LIN, KY., et al., "A Cytosine Analogue Capable of Clamp-Like Binding to a Guanine in Helical Nucleic Acids," J. Am. Chem. Soc. (1998) 120(33):8531-8532.	
		EI	FLANAGAN, W. M., et al., "Cellular penetration and antisense activity by a phenoxazine-substituted heptanucleotide," <i>Nature Biotechnol.</i> (1999) 17(1):48-52.	
		EJ	MANOHARAN, M., "Oligonucleotide Conjugates in Antisense Technology," Antisense Drug Technology, Principles, Strategies and Applications, S.T. Crooke, ed., Dekker, Inc., 2001, pp 391-467.	
9	/	EK	MANOHARAN, M., "Oligonucleotide Conjugates as Potential Antisense Drugs with Improved Uptake, Biodistribution, Targeted Delivery, and Mechanism of Action," <i>Antisense Nucleic Acid Drug Dev.</i> (2002) 12(2):103-128.	

Examiner Signature	03-	Date Considered	4/28/06
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(	Substitute	for form 1449	APTO			Complete if Known				
	NIEO		<b>~~!</b> ~		01.0011DE	Application Number	10/701,012			
					CLOSURE	Filing Date	November 4, 2003			
,	STAT	EMEN.	TBY	ΑF	PPLICANT	First Named Inventor	Multiah Manoharan			
						Group Art Unit	Not Yet Assigned			
	(	(use as mai	ny sheet:	s as	necessary)	Examiner Name	Not Yet Assigned			
	Sheet	7		of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)			

			OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
 Examiner Cite Initials * No.1			Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
12		EL	MARTINEZ, J., et al., "Single-Stranded Antisense siRNAs Guide Target RNA Cleavage in RNAi," Cell (2002) 110:563-574.				
$\mathcal{F}$	P	EM	BOUTLA, A., et al., "Short 5'-phosphorylated double-stranded RNAs induce RNA interference in Drosophila," Curr. Biol. (2001) 11:1776-1780.				
EN		EN	SCHWARZ, D. S., et al., "Evidence that siRNAs Function as Guides, Not Primers, in the <i>Drosophila</i> and Human RNAi Pathways," <i>Mol. Cell.</i> (2002) 10:537-548.				
EO		EO CHIU, YL., et al., "RNAi in Human Cells: Basic Structural and Functional Features of SMall Interfering RNA," Mol. Cell (2002) 10:549-561.					
EP		EP	LIN, M., et al., "Inhibition of collagenase type I expression by psoralen antisense oligonucleotides in derman fibroblasts," FASEB J. (1995) 9(13):1371-1377.				
7		EQ	MARUENDA, H., et al., "Antisense Sequence-Directed Cross-Linking of DNA Oligonucleotides by Mitomycin C," <i>Bioconj. Chem.</i> (1996) 7(5):541-544.				
$\int$		ER	MARUENDA, H., et al., "Antisense sequence-directed cross-linking of RNA oligonucleotides by mitomycin," Anti-Cancer Drug Design (1997) 12:473-479.				
		ES	HUH, N., et al., "Design, Synthesis, and Evaluation of MItomycin-Tethered Phosphorothioate Oligodeoxynucleotides," <i>Bioconj. Chem.</i> (1996) 7(6):659-669.				
$\int$		ET	COHEN, G.L., et al., "Sequence Dependent Binding of cis-Dichlorodiammineplatinum(II) to DNA,"  J. Am. Chem. Soc. (1980) 102(7):2487-2488.	·			
T	·	EU	GRINEVA, N. I., et al., "Complementarily Addressed Modification of rRNA with p- (Chloroethylmethylamino)benzylidene Hexanucleotides," FEBS Lett. (1973) 32(2):351-355.				
V	7	EV	SUMMERTON, J., et al., "Sequence-specific Crosslinking Agents for Nucleic Acids," J. Mol. Biol. (1978) 122(2):145-162.				

Examiner Signature	02-	Date Considered	4/	28/	o 6
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INITA		ION DIO	01.001105	Application Number	10/701,012			
		_	CLOSURE	Filing Date	June 26, 2003			
STA	TEMEN	T BY A	PPLICANT	First Named Inventor	Muthiah Manoharan			
				Group Art Unit	Not Yet Assigned			
	(use as ma	any sheets as	necessary)	Examiner Name	Not Yet Assigned			
Sheet	8	of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)			

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Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²								
$\mathcal{I}_2$	EW	TUSCHL, T., et al., "Targeted mRNA degradation by double-straded RNA in vitro," Genes Dev. (1999) 13(24):3191-3197.									
OK	EX	ELBASHIR, S. M., et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs," Genes Dev. (2001) 15(2):188-200.									
	EY	ELBASHIR, S. M., , et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> (2001) 411(6836):494-498.									
	EZ	LIPARDI, C., et al., "RNAi as Random Degradative PCR: siRNA Primers Convert mRNA into dsRNAs that Are Degraded to Generate New siRNAs," Cell (2001) 107:297-307.									
	FA	NISHIKURA, K., "A Short Primer on RNAi: RNA-Directed RNA Polymerase Acts as a Key Catalyst," Cell (2001) 107:415-418.									
	FB	SIJEN, T., et al., "On the Role of RNA Amplification in dsRNA-Triggered Gene Silencing," Cell (2001) 107:465-476.									
	FC	TIJSTERMAN, M., et al., "RNA Helicase MUT-14-Dependent Gene Silencing Triggered in C. elegans by Short Antisense RNAs," Science (2002) 295(5555):694-697.									
	FD	ELBASHIR, S. M., et al, "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate," EMBO J. (2001) 20(23):6877-6888.									
	FE	PARRISH, S., et al., "Functional Anatomy of a dsRNA Trigger: Differential Requirement for the Two Trigger Strands in RNA Interference," Mol. Cell. (2000) 6:1077-1087.									
	FF	MELLITZER, G., et al., "Spatial and temporal 'knock down' of gene expression by electroporation of double- stranded RNA and morpholinos into early postimplantation mouse embroys," <i>Mech. Devel.</i> (2002) 118(1-2):57-63.									
7	FG	BASS, B. L., et al., "Double-Stranded RNA as a Template for Gene Silencing," Cell (2000) 101:235-238.									

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Examiner Signature		13-	Date Considered	4/	28/	06

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INIEC	NFORMATION DISCLOSURE			Application Number	10/701,012	
				Filing Date	November 4, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Muthiah Manoharan	
				Group Art Unit	Not Yet Assigned	
	(use as many	sheets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	09	Of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)	

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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
23	FH	WAGNER, D., et al., "Preparation and Synthetic Utility of Some Organotin Derivatives of Nucleosides," J. Org. Chem. (1974) 39(1):24-30.			
00	FI	NAPOLI, C., et al., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co- Suppression of Homologous Genes in trans," Plant Cell (1990) 2:279-289.			
	FJ	JORGENSEN, R. A., et al., "Chalcone synthase cosuprression phenotypesin petunia flowers: comparison of sense vs. antisense constructs and single-copy vs. complex T-DA sequences," <i>Plant. Mol. Biol.</i> (1996) 31:957-973.			
	FK	COGONI, C., et al., "Post-trasncriptional gene silencing across kingdoms," Curr. Opin. Genes Dev. (2000) 10(6):638-643.	·		
	FL	GURA, T., "A silence that speaks volumes," Nature (2000) 404:804-808.			
	FM	GUO, S., et al., "par-1, a Gene Required for Establishing Polarity in C. elegans Embryos, Encodes a Putative Ser/Thr Kinase That is Asymetrically Distributed," Cell (1995) 81:611-620.			
	FN	FIRE, A., et al., "Potent and specific genetic interference by double-stranded RNA in Caenorhabditis elegans," Nature (1998) 391:806-811.			
	FO	TIMMONS, L., et al., "Specific interference by ingested dsRNA," Nature (1998) 395:854.			
	FP	TIMMONS, L., et al., "Ingestion of bacterially expressed dsRNAs can produce specific and potent genetic interference in Caenorhabditis elegans," Gene (2001) 263:103-112.			
	FQ	TABARA, H., et al., "RNAi in C. elegans: Soaking in the Genome Sequence," Science (1998) 282:430-431.			

Examiner Signature	Date Considered	4/28/06	
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	Substitute for form 144	9A/PTO		Complete if Known		
	INFORMATION DISCLOSURE			Application Number	10/701,012	
				Filing Date	June 26, 2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Muthiah, Manoharan	
				Group Art Unit	Not Yet Assigned	
	(use as ma	any sheets as	necessary)	Examiner Name	Not Yet Assigned	
	Sheet 10	of	10	Attorney Docket Number	ISIC0010-101 (CHEM0004US.P1)	

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72	MONTGOMERY, M. K., et al., "RNA as a target of double-stranded RNA-mediated genetic interference in Caenorhabditis elegans," Proc. Natl. Acad. Sci. USA (1998) 95(26):15502-15507.					
P	FS	BRANTL, S., "Antisense-RNA Regulation and RNA Interference," Biochim. Biophys. Acta. (2002) 1575:15-25.				
	FT	FT ENDO, M., et al., "Control of A Double Helix DNA Assembly by Use of Cross-Linked Oligonucleotides," J. Am. Chem. Soc. (2003) 125(45):13654-13655.				
	FU WILSON, D. S., et al., 'In Vitro Selection Of Functional Nucleic Acids," Annu. Rev. Biochem. (1999) 68:611-647.					
	FV International Search Report dated November 26, 2004 for International Application No. PCT/I/S03/34913.					
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